Percentage of susceptible Organisms Isolated From All Specimen, 61 hospitals, Jan - Jun 2017

	Organism	TOTAL ISOLATES	BETA - LACTAMS																			CARBAPENEMS			POLY MYXINS	QUINOLONES						AMINOGLYCOSIDES				GLYCOPEPTIDES			MISCELLANEOUS								
			PENICILLIN	PENICILLIN BY MIC	AMPICILLIN	AMOXICILLIN/ CLAVULANIC ACID	AMPICILLIN / SULBACTAM	PIPERACILLIN / TAZOBACTAM	CEFAZOLIN (A)	CEFAZOLIN (U)	CEFUROXIME SODIUM (parenteral)	CEFUROXIME SODIUM (Oral)	CEFOPERAZONE / SULBACTAM [a]	CEFOTAXIME	CEFOTAXIME BY MIC	CEFTAZIDIME	CEFTAZIDIME BY MIC	CEFTRIAXONE	CEFTRIAXONE BY MIC	CEFEPIME	OXACILLIN	CEFOXITIN	ERTAPENEM	IMIPENEM	MEROPENEM	COLISTIN BY MIC	NALIDIXIC ACID	CIPROFLOXACIN	CIPROFLOXACIN BY MIC	LEVOFLOXACIN	NORFLOXACIN	OFLOXACIN	AMIKACIN	GENTAMICIN	GENTAMICIN 120 µg	NETILMICIN	VANCOMYCIN	VANCOMYCIN BY MIC	TEICOPLANIN	FOSFOMYCIN	CLINDAMYCIN	CLINDAMYCIN BY MIC	ERYTHROMYCIN	ERYTHROMYCIN BY MIC	NITROFURANTOIN	CHLORAMPHENICOL	CO-TRIMOXAZOLE	TETRACYCLINE
Gram negative	*Acinetobacter calcoaceticus-baumannii* complex	13,380					34.5 (3156)	26.2 (10329)						2.9 (5276)	-	29 (11555)	-	2.8 (6410)	72.3 (94)	27.9 (942)				30.3 (8044)	30.2 (11746)	99.4 [e] (468)		30.1 (10427)	-	29.8 (5591)			47.6 (12007)	38.5 (10358)		- [e]									40.4 (9390)	16.4 [u] (73)
	Acinetobacter spp.	3,933					62.9 (404)	47.7 (2030)						11.7 (2775)	-	40.5 (3500)	-	13.6 (2798)	-	37.3 (648)				40.2 (2999)	43.5 (3406)	- [e]		45 (3303)	-	69.4 (793)			59.6 (3278)	48.2 (3015)		- [e]									61.9 (3008)	32.3 [u] (31)
	Aeromonas hydrophila	313						90.4 (135)			77.5 (40)			84.7 (190)	-	86.4 (177)	-	84.5 (168)	-	-		42.9 (70)	-	52.5 (122)	89.7 (185)			92.6 (190)	-	96.1 (77)			99 (210)	94.5 (217)									95.3 (43)	86 (229)	75.8 (66)
	Burkholderia cepacia complex	148														84.6 (136)	-			81.8 (137)										- [e]													- [e]	88.7 (115)	
	Burkholderia mallei	48															-																												- [e]
	Burkholderia pseudomallei	1,171				- [e]											100 (31)																											- [e]	- [e]
	Citrobacter freundii	512						82.8 (262)					84.3 (248)	67.7 (371)	-	72 (421)	-	71.4 (227)	-	74.2 (62)			93.4 (61)	90.5 (327)	94.4 (410)		- [u]	78.8 (400)	-	87.2 (109)	67.2 [u] (122)	-	98.4 (436)	84.1 (429)		-							- [u]	-	71.5 (393)	58.1 (43)
	Enterobacter aerogenes	839						81 (436)					90.2 (508)	70.4 (649)	-	74.2 (718)	-	73.7 (570)	-	84.2 (95)			89.9 (79)	92 (553)	96.7 (704)	- [WT]	- [u]	89.1 (612)	-	92.7 (219)	73.9 [u] (92)	87.9 (33)	98 (765)	88.8 (729)		98.4 (192)							- [u]	-	81.7 (709)	68.3 (41)
	Enterobacter cloacae	3,249						83.2 (1897)					85.7 (2074)	64.9 (2269)	-	69.3 (2742)	-	68.6 (1965)	-	74.5 (330)			88 (442)	93.7 (2099)	96.3 (2712)	- [WT]	- [u]	82 (2610)	-	92.4 (943)	59.7 [u] (390)	88.9 (144)	97.8 (2828)	82.4 (2827)		95.7 (420)							- [u]	86.3 (51)	73.7 (2444)	77.8 (176)
	Enterobacter spp.	1,409			5.4 (931)	10.6 (1112)	38.2 (131)	80.3 (641)	8.7 (439)	24.5 [u] (53)	48.2 (191)	5.7 (35)	79.4 (729)	61.1 (1190)	-	68.5 (1338)	-	60.5 (934)	-	72.6 (223)		15.4 (305)	96.4 (56)	91.6 (729)	95.1 (1121)		- [u]	78.5 (1142)	-	82.9 (385)	55.9 [u] (179)	89.2 (185)	96.3 (1343)	81.6 (1115)		88.4 (207)							- [u]	-	71.9 (1151)	58.8 (160)
	Escherichia coli (all isolates)	29,251			13.5 (20157)	65.7 (22373)	56 (4570)	91.4 (16870)	31.5 (6253)		51.7 (7875)	35.8 (458)	89.5 (15810)	54.1 (20488)	-	63.4 (24785)	-	56.4 (17263)	0 (131)	57 (3608)		88 (9059)	97.9 (4078)	97.7 (17929)	98 (23590)	- [WT]		48.5 (22412)	-	48.7 (7481)		45.3 (2725)	98.5 (25265)	66.4 (24108)		94.9 (3551)								76.9 (373)	41.2 (22428)	27.5 (2418)
	(Urine)	15,863			12.6 (11013)	63 (12156)	52.6 (2686)	90.2 (9138)		50.3 [u] (6130)	48.4 (4074)	28.7 (286)	88.1 (8459)	50.7 (11386)	-	60.9 (13891)	-	52.8 (9458)	0 (83)	55.3 (1981)		86.6 (4999)	97.6 (2372)	97.6 (9941)	97.7 (13044)	- [WT]	20.3 [u] (790)	39.3 (11970)	-	40 (4179)	40.8 [u] (13082)	39.6 (2076)	98.3 (13869)	64 (13396)		93.4 (1776)			98.7 [u] (3710)				95.1 [u] (971)	-	39.6 (13114)	26.3 (1399)
	(Urine-inpatient)	3,549			13.3 (2563)	64.2 (2867)	54.1 (135)	91.8 (2119)		44.2 [u] (1109)	56.7 (890)	-	89.4 (1743)	50.8 (2461)	-	58.1 (2641)	-	51.2 (2213)	-	60.4 (338)		87.9 (637)	96.9 (1667)	97.7 (2120)	97.4 (2867)	-	20.8 [u] (202)	43.5 (2830)	-	39.8 (836)	44 [u] (2976)	39.6 (447)	98.5 (2978)	64 (2971)		95.9 (172)			98.7 [u] (463)				99 [u] (304)	-	39.8 (2851)	26.8 (571)
	(Urine-outpatient)	1,084			12 (715)	62.7 (836)	55.1 (138)	94.3 (703)		50.3 [u] (181)	59.4 (362)	-	91.5 (544)	55.1 (782)	-	65.8 (888)	-	56.6 (722)	-	66.1 (124)		93.3 (282)	99.4 (313)	99.1 (672)	99 (913)	-	- [u]	31.5 (794)	-	42.1 (399)	36.5 [u] (936)	33.9 (180)	98.8 (984)	65.6 (922)		90.9 (176)			97.4 [u] (194)				- [u]	-	41 (937)	27.8 (90)
	Haemophilus influenzae (all isolates)	979			58.8 (897)	90.8 (752)	97.4 (155)	100 (56)			92.7 (137)	-		98 (699)	-	95.4 (240)	-	98.5 (582)	-	-			-	97.7 (266)	96.3 (409)			98.5 (680)	-	99 (203)		100 (68)									81.7 (443)	36.2 (905)	63.4 (372)
	(age 0-5 years old)	168			57.1 (147)	92.1 (139)	-	-			94.4 (36)	-		97.5 (122)	-	92.5 (40)	-	98.1 (107)	-	-			-	95 (40)	93.8 (64)			98.1 (108)	-	97 (33)		-									83.2 (95)	33.3 (153)	63.2 (76)
	(age > 5 years old)	802			59 (739)	90.7 (603)	97 (133)	100 (45)			92.2 (102)	-		98.1 (568)	-	95.5 (199)	-	98.5 (472)	-	-			-	98.6 (222)	96.4 (337)			98.6 (570)	-	99.4 (161)		100 (52)									81.6 (348)	36.8 (749)	63.9 (296)
	(Sterile sites) [b]	108			59 (100)	96.4 (84)	-	-			-	-		100 (81)	-	100 (36)	-	100 (69)	-	-			-	100 (36)	100 (62)			100 (67)	-	-		-									80 (40)	34.3 (99)	67.7 (31)
	(Non-sterile sites) [c]	893			58.7 (818)	90.2 (683)	97.2 (144)	100 (42)			92.8 (125)	-		97.8 (634)	-	94.7 (207)	-	98.3 (524)	-	-			-	97.5 (237)	95.8 (361)			98.4 (624)	-	98.9 (187)		100 (64)									81.8 (412)	36 (826)	63.4 (350)
	Klebsiella oxytoca	470			1 (314)	76.8 (371)	63.6 (66)	85.6 (209)	25.2 (147)	67.2 [u] (58)	72.1 (136)	-	87.6 (274)	74.7 (376)	-	78.4 (399)	-	75.2 (290)	-	82.1 (39)			87 (169)	96.7 (61)	97 (268)	97.4 (381)		- [u]	73.4 (354)	-	83.6 (128)	66.4 [u] (107)	96.8 (31)	97.9 (429)	84.5 (400)		98.1 (53)							- [u]	-	69 (358)	63.2 (38)
	Klebsiella pneumoniae (all isolates)	19,656				60.9 (15492)	56.4 (3346)	70.8 (11064)	50.7 (5600)	43.8 [u] (1444)	51.9 (6186)	48.2 (276)	73.3 (11594)	56.3 (14665)	-	58.9 (17339)	-	57.3 (12208)	0.58 (171)	65.5 (2404)			86.5 (7056)	94.4 (1909)	91.3 (12995)	92.3 (16507)	- [WT]	36.2 [u] (196)	62.9 (15632)	-	74.3 (6291)	50.4 [u] (3299)	73.6 (1255)	95.4 (17477)	81 (16413)		93.2 (3160)							53.8 [u] (212)	78.7 (225)	56.7 (14975)	62.8 (1304)
	(ICU)	486				55.3 (434)	-	64.5 (203)	43.4 (53)	- [u]	44.6 (92)	-	69.5 (305)	45.5 (314)	-	49.2 (449)	-	52.1 (336)	-	66.7 (51)			82.9 (76)	87.6 (137)	84.7 (229)	90.2 (400)	- [WT]	- [u]	62.9 (377)	-	73.4 (169)	55.4 [u] (65)	-	89.6 (422)	73.6 (382)		87.9 (124)							- [u]	-	52.1 (411)	52.8 (53)
	(inpatient)	4,724				58.6 (3957)	46.2 (403)	72.5 (2964)	48.6 (1137)	37.3 [u] (287)	48 (1176)	-	72.9 (2858)	53.8 (3511)	-	56.5 (3774)	-	55.7 (3288)	-	69.6 (345)			83.2 (1169)	94.9 (1321)	92.1 (2988)	92.9 (3887)	- [WT]	44.4 [u] (45)	64.5 (3690)	-	73.5 (1589)	56 [u] (770)	69.5 (262)	95 (4000)	80.5 (3785)		90.8 (390)							60.6 [u] (66)	79.2 (183)	57.7 (3557)	61.5 (603)
	(outpatient)	665				73.2 (563)	66.9 (130)	77.8 (325)	76 (50)	- [u]	67.4 (270)	-	87 (391)	70.5 (532)	-	70.5 (519)	-	72 (471)	-	81.8 (55)			87.4 (183)	97.6 (165)	95.2 (311)	96.9 (573)	- [WT]	- [u]	72.1 (548)	-	86 (335)	44.1 [u] (161)	-	96.8 (599)	88 (566)		96.2 (182)							- [u]	-	68.6 (580)	56.8 (37)
	Morganella morganii	783					40.8 (142)	97.1 (381)					95.2 (353)	82.9 (554)	-	88.9 (602)	-	92 (414)	-	84 (100)			58.2 (261)	100 (107)	66 (424)	98.8 (575)		- [u]	79.2 (568)	-	89.2 (212)	73.3 [u] (206)	81.1 (53)	98.9 (658)	81.8 (628)		93.4 (61)								-	70.2 (597)	
	Proteus mirabilis	3,710			53.6 (2577)	88.3 (2811)	81.1 (635)	98.4 (1840)	36.2 (959)	76.5 [u] (468)	81.8 (1305)	74.4 (39)	97.7 (1930)	87.2 (2743)	-	93.8 (3100)	-	89.1 (2127)	-	85.2 (588)			95.5 (1274)	99.8 (534)	91.9 (2259)	98.9 (2922)		53.6 [u] (56)	79.3 (2931)	-	82.7 (873)	75 [u] (1111)	80.6 (335)	99.6 (3244)	82.5 (3108)		90.4 (584)								48.5 (33)	58.2 (2855)	
	Proteus vulgaris	680				60.2 (555)	71.9 (89)	97.7 (384)					95.5 (379)	86.7 (564)	-	91.3 (606)	-	89.8 (430)	-	91.8 (98)			84.7 (215)	98.2 (111)	85.2 (433)	98.6 (568)		- [u]	85.7 (544)	-	86.3 (153)	82.2 [u] (146)	84.2 (38)	99.1 (644)	90.6 (604)		98.6 (70)								-	72.3 (553)	
	Providencia rettgeri	194					43.8 (32)	99 (102)			87.5 (48)	-	97.3 (110)	86.9 (153)	-	92.1 (165)	-	89.3 (122)	-	-			89.7 (68)	-	86.6 (119)	98.1 (156)		- [u]	86.9 (145)	-	88.9 (54)	74.5 [u] (51)	-	98.9 (175)	89.6 (164)		-								-	81.9 (160)	
	Providencia stuartii	92					26.8 (41)	95.4 (65)			76.5 (34)	-	93.8 (32)	68.5 (73)	-	78.6 (84)	-	85.7 (49)	-	-			88.2 (34)	-	93 (71)	98.8 (81)		- [u]	70.2 (84)	-	63.9 (36)	- [u]	-	100 (81)											-	73 (74)	
	Providencia spp.	133			16.7 (90)	16.2 (111)	-	96.8 (63)	24.4 (45)	- [u]	87.8 (49)	-	95.4 (87)	88 (117)	-	89.8 (118)	-	94.5 (73)	-	-			91.2 (57)	-	86.8 (91)	97.2 (109)		- [u]	84.5 (110)	-	-	- [u]	-	98.4 (126)	94.2 (121)		-							- [u]	-	84.4 (122)	-
	Pseudomonas aeruginosa	13,209						80.3 (10366)								79.5 (11960)	-			83.5 (1961)					78.6 (8760)	79.1 (11543)	100 [e] (186)		82.8 (10693)	-	79 (4199)	60.2 [u] (1255)	80.7 (353)	89.7 (11761)	84.6 (10605)		88.3 (1618)										
	Salmonella , Non-typhoidal	612			48.9 (523)								95.7 (47)	83.1 (172)	-	80.5 (133)	-	85.9 (191)	-									-	60.4 (336)	-	- [e]		- [e]									82.4 (108)	83.6 (538)	
	Serratia marcescens	487						96.1 (231)					96.3 (243)	88 (325)	-	93.6 (389)	-	92.6 (269)	-	91.5 (71)				98.1 (53)	98.5 (266)	99.7 (338)		- [u]	95.8 [u] (354)	-	97.6 (168)	100 [u] (31)	-	99.2 (376)	97.8 (366)		100 (43)								-	92.1 (304)	-
	Shigella spp.	67			66.1 (62)																							-	64.7 (34)	-	-	- [u]	-										19.7 (61)	

Gram negative	*Stenotrophomonas maltophilia*	1,633															-													96 (1067)																- [e]	96.2 (1472)	
	Vibrio cholerae (all serotypes)	41			73.5 (34)																																									-	86.5 (37)	91.2 (34)
	Vibrio cholerae non O1, non O139	37			74.2 (31)																																									-	87.9 (33)	90.6 (32)
	Vibrio parahaemolyticus	251			5.4 (224)	-	-	-	- [e]	- [e]	-			90.9 (33)	-	97.1 (34)	-			-		-		-	-		-	100 (169)	-	-	100 (110)	-															99.6 (223)	98.4 (185)
	Vibrio spp.	345			12.5 (280)	76.7 (43)	-	97.1 (35)	- [e]	- [e]	-			92.9 (84)	-	95.2 (83)	-			-		-		93.5 (31)	100 (38)		-	97 (235)	-	-	100 (136)	-															98.3 (287)	98.3 (230)
Gram positive	*Enterococcus faecalis*	5,629	69 (3435)	-	94.9 (4836)																						21.7 [u] (1133)	- [u]	35.8 [u] (657)	26.2 [u] (2363)				51.8 [h] (3734)		98.6 (4895)	-	99.6 (695)	90.6 [u] (1178)			12.2 (771)	-	100 [u] (57)	71.2 (475)		7.3 [u] (974)
	Enterococcus faecium	2,880	10.7 (1783)	-	9.9 (2484)																						5 [u] (623)	- [u]	8.1 [u] (369)	4.5 [u] (1409)				64.5 [h] (2044)		90.4 (2477)	-	84.2 (298)				8.9 (314)	-	47.3 [u] (55)	87.8 (255)		4.6 [u] (518)
	Enterococcus spp.	2,234	45.1 (1682)	-	62.8 (1868)																						14 [u] (193)	- [u]	23 [u] (557)	24.3 [u] (581)				59.2 [h] (1804)		96.6 (2128)	-	91.6 (83)				23.1 (342)	-	64.6 [u] (48)	77.1 (253)		9.1 [u] (549)
	Staphylococcus aureus (all isolates)	11,557	8.4 (4369)	14.8 (135)																	90.2 [f] (10047)							85 (2831)	85.8 (134)	87.2 (1941)	82.6 [u] (241)	90.9 (219)	94.9 (507)	92.2 (6999)		-		99.8 (421)	- [e]		86.4 (8801)	80.3 (132)	86.1 (9057)	80.3 (132)	- [u]	95.4 (1044)	96 (9407)	56.3 (2092)
	(MRSA)	1,034	0 (474)	-																	0 [f] (1034)							12.8 (274)	-	17.2 (209)	- [u]	-	89.4 (47)	35.4 (689)		-		100 (98)	- [e]		11.3 (823)	-	11.6 (909)	-	- [u]	72.4 (87)	75.5 (902)	29.5 (176)
	(MSSA)	9,145	9.3 (3832)	19.8 (96)																	100 [f] (9145)							92.6 (2485)	96.9 (96)	95.6 (1653)	90.8 [u] (195)	100 (198)	95.3 (464)	98.1 (6293)		-		100 (153)	- [e]		94.3 (7775)	90.5 (95)	94.3 (8006)	90.5 (95)	- [u]	97.3 (941)	98.3 (8346)	58.9 (1915)
	(ICU)	212	15.3 (59)	-																	91 [f] (200)							-	-	-	- [u]	-	-	93.4 (121)		-		-	- [e]		86.6 (149)	-	87.8 (156)	-	- [u]	96.9 (32)	97.4 (153)	64.1 (39)
	(inpatient)	2,877	12.2 (894)	13.5 (104)																	91.1 [f] (2500)							85.6 (713)	86.4 (103)	88.5 (288)	87.7 [u] (65)	87.9 (107)	-	91.5 (1583)		-		100 (133)	- [e]		86 (1990)	78.4 (102)	86.1 (2151)	79.4 (102)	- [u]	94.1 (373)	97 (2227)	57.8 (658)
	(outpatient)	451	11.8 (127)	-																	91.6 [f] (391)							86.3 (124)	-	89.4 (47)	- [u]	-	-	92.7 (262)		-		-	- [e]		88.3 (366)	-	86.7 (339)	-	- [u]	97.7 (44)	96.5 (346)	59.7 (77)
	Staphylococcus, coagulase negative	11,857	11.4 (5868)	11.5 (78)																	45.1 [f] (10655)							57.9 (2956)	55.7 (79)	64.3 (2205)	52.2 [u] (412)	65.3 (291)	93 (386)	70.6 (6769)		-		100 (188)	- [e]		53.2 (9545)	35.5 (76)	40.5 (9960)	31.6 (76)	- [u]	90.9 (1179)	66 (10215)	54.5 (2175)
	Staphylococcus, coagulase negative (blood)	8,063	12 (4146)	10.7 (56)																	47.2 [f] (7282)							60.3 (1927)	47.4 (57)	66.8 (1429)		65.3 (251)	93 (227)	72.8 (4497)		-		100 (117)	- [e]		53.4 (6653)	29.8 (57)	41.3 (7030)	22.8 (57)		91.5 (786)	65.1 (6916)	57.7 (1382)
	Streptococcus agalactiae	625	99.4 (484)	-	98.5 (204)									99.4 (314)	-			99.2 (265)	-	97.1 (34)										99.6 (229)		96.8 (63)					100 (508)				83.7 (294)	-	86.2 (376)	-		89.7 (146)		22.4 (98)
	Streptococcus, β-hemolytic not Group A,B	600	98.6 (495)	-	98.9 (190)									97.2 (250)	-			98.2 (282)	-	-										97.6 (208)		95.2 (84)					99.3 (445)				86.3 (475)	-	87.5 (512)	-		91.3 (196)		25 (140)
	Streptococcus pyogenes	1,450	99.5 (1206)	-	99.3 (557)									99.7 (718)	-			99.4 (651)	-	100 (68)										99.2 (471)		100 (93)					99.7 (1117)				92.3 (1155)	-	92.9 (1199)	-		93 (657)		13.3 (490)
	Streptococcus pneumoniae (all isolates)	1,500	62.4 [d] (801)	35.5 (141)		0 [e] (33)					- [e]	- [e]																		99 (608)		98.8 (86)					99.7 (1270)				72.6 (1093)	-	68.7 (1165)	-		90.5 (473)	41.6 (986)	28.5 (536)
	(age 0-5 years old)	173	43.1 [d] (72)	-		- [e]					- [e]	- [e]																		100 (62)		-					99.3 (142)				60.7 (122)	-	53.5 (129)	-		85 (60)	28.6 (112)	25 (64)
	(age > 5 years old)	1,320	63.9 [d] (728)	40.3 (119)		- [e]					- [e]	- [e]																		98.9 (539)		98.7 (75)					99.7 (1122)				73.9 (970)	-	70.5 (1027)	-		91.3 (412)	43.5 (874)	29.1 (474)
	(Sterile sites) [b]	530	70.4 [d] (277)	52.3 (46)		- [e]					- [e]	- [e]																		100 (198)		97.1 (35)					99.8 (444)				78.7 (390)	-	74.9 (422)	-		93.3 (178)	42.6 (333)	32.6 (175)
	(Non-sterile sites) [c]	1,045	58.5 [d] (568)	29 (100)		- [e]					- [e]	- [e]																		98.4 (446)		100 (54)					99.7 (891)				70 (759)	-	65.8 (807)	-		89 (319)	40.4 (708)	25.6 (391)
	(Meningitis: by E-test)			35.5 [e] (141)											89.5 [e] (48)				87.7 [e] (49)	- [e]																												
	(Nonmeningitis: by E-test)			97.2 [e] (141)		- [e]									100 [e] (48)				87.7 [e] (49)	- [e]																												

[a] : No CLSI Interpretive Criteria. Interprete according to cefoperazone/sulbactam in *Enterobacteriacae*

[b] : Blood, Pleural Fluid

[c] : Sputum, Ear, Sinus

[d] : Interprete according to oxacillin susceptibility test

[e] : MIC Interpretive Criteria

[f] : Interprete according to cefoxitin susceptibility test

[h] : High-Level Aminoglycoside

[u] : Urine, Urine Catheter, Urine Clean- Voided

[WT] : Wild-type